

Title (en)

Cooking oven with control arrangement for the core temperature probe

Title (de)

Garofen mit Regeleinrichtung für eine Kerntemperaturprobe

Title (fr)

Four de cuisson avec un dispositif de régulation pour un capteur de température à coeur

Publication

EP 1271061 A3 20040317 (EN)

Application

EP 02012135 A 20020601

Priority

IT PN20010047 A 20010629

Abstract (en)

[origin: EP1271061A2] Cooking oven equipped with a core temperature probe adapted to be introduced in the food to be cooked and provided with a plurality of temperature sensors aligned with each other and adapted to deliver an electric signal correlated with the respective temperature, means for processing said electric signals, a support arrangement situated inside the cooking cavity of the oven for sustaining the core temperature probe, and means for measuring the temperature inside said cooking cavity, in which said core temperature probe, said processing means and said support arrangement are adapted to determine whether, during a cooking cycle, the core temperature probe is inserted in a given, pre-defined manner in the food being cooked. In a preferred manner, the support arrangement is formed in a manner so that, when the core temperature probe is inserted in a pre-defined manner in said arrangement, some defined ones of said temperature sensors are covered by at least a portion of said support arrangement, while some other sensors are not covered. <IMAGE>

IPC 1-7

F24C 7/08

IPC 8 full level

F24C 7/08 (2006.01)

CPC (source: EP)

F24C 7/08 (2013.01); **G01K 2207/06** (2013.01)

Citation (search report)

- [A] FR 2798724 A1 20010323 - RATIONAL AG [DE]
- [A] WO 9316333 A1 19930819 - ELECTROLUX AB [SE]
- [E] WO 0247522 A2 20020620 - RATIONAL AG [DE], et al

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